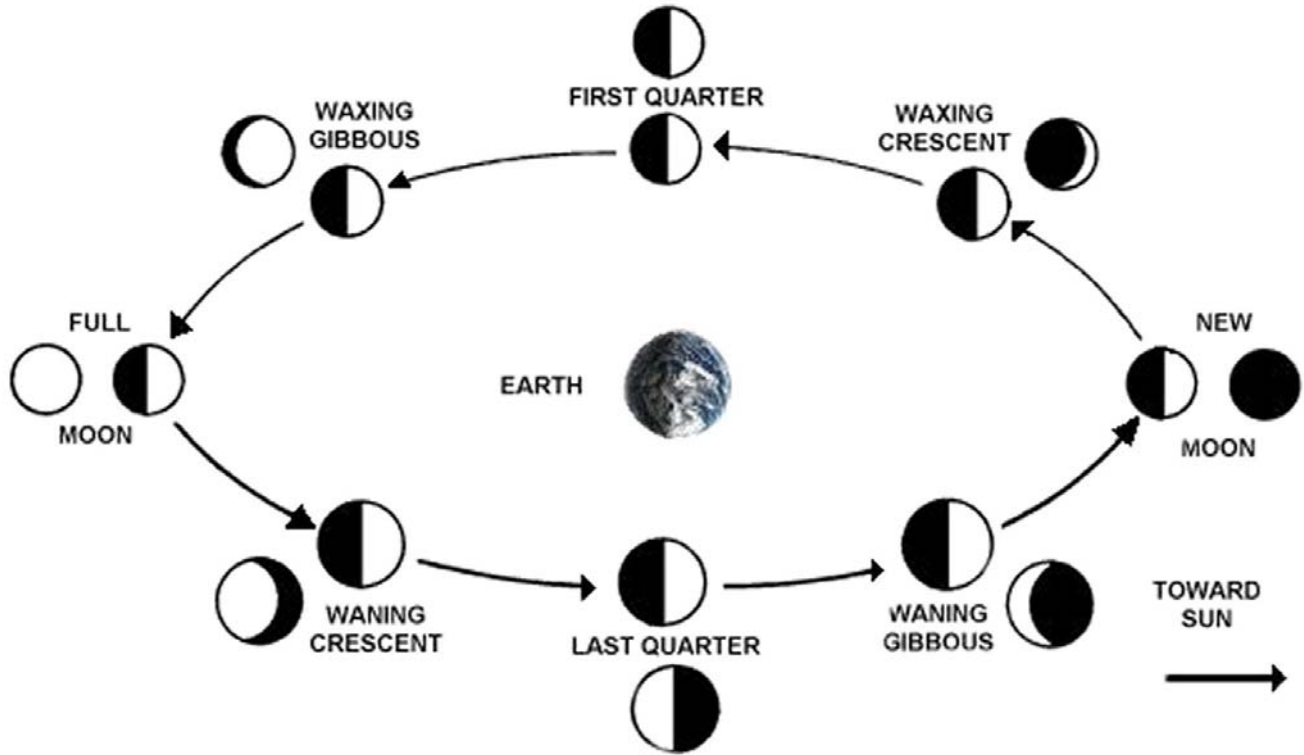


MOON PHASES

- New Moon
- Waxing Crescent
- 1st Qtr. Half Moon
- Waxing Gibbous
- Full Moon
- Waning Gibbous
- 3rd Qtr. Half Moon
- Waning Crescent

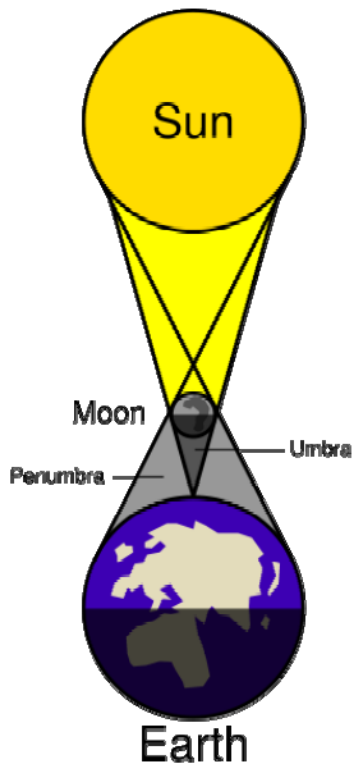


Why we have moon phases:

- 1) The sun's light reflects off the moon
- 2) The Earth rotates every 24 hrs, the moon orbits the Earth every 27.3 days
 - a. Our perspective of the sunlight reflecting off the moon changes

Solar Eclipse: Earth – Moon – Sun

- Only occurs during a New Moon phase
- The Moon blocks the Sun



Lunar Eclipse: Moon – Earth – Sun

- Only occurs during a Full Moon phase
- The Earth's shadow falls over the Full Moon

